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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/816,493	04/01/2004	Muralidharan Lakshminarasimhan Kanchi	IPP03-01	8597

24628 7590 05/29/2009

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EXAMINER	
WON, MICHAEL YOUNG	
ART UNIT	PAPER NUMBER
2455	

MAIL DATE	DELIVERY MODE
05/29/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/816,493	KANCHI, MURALIDHARAN LAKSHMINARASIMHAN	
	Examiner	Art Unit	
	MICHAEL Y. WON	2455	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *14 March 2009*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1,3-9 and 12-21* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1,3-9 and 12-21* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This action is in response to the amendment filed March 14, 2009.

2. Claims 1, 3-5, 7-9, 12-15, 17-19, and 21 have been amended and claims 2, 10, 11, and 22-30 have been cancelled.

3. Claims 1, 3-9, and 12-21 have been examined and are pending with this action.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-30 are rejected under 35 U.S.C. 102(b) as being anticipated by Eichstadt et al. (US 2003/0023754).

INDEPENDENT:

As per **claim 1**, Eichstadt teaches a method for executing a requested component, comprising:

sending a request for the component from a client to a server, wherein the component corresponds to a script on the server (see page 1, [0010]: “requested web-

page… the server component of the software incorporates (either directly or by reference) script code into the requested web-page"), and wherein the client and the server have same functional capability (see page 3, [0023]: "A computer may be a computer of any style");

transmitting parameter information associated with the requested component of the script by the server to the client (see page 1, [0009]: "inserts the script code (or a reference or pointer to the script code), and transmits..."; page 1, [0010]: "the server component of the software incorporates (either directly or by reference) script code into the requested web-page" and page 6, [0042]: "The script code 400 may provide a toolbar 420, 420' that may contain…"); and

linking the parameter information to a corresponding predefined structure by the client to create an executable parameter specific predefined structure, wherein the predefined structure having an intended functionality corresponding to the intended functionality of the requested component (see page 1, [0010]: "That script code comprises the client component of the software and will add functionality to the web-page"; and page 4, [0030]: "the initialization script originally provided with the web-page is executed, followed by the execution of the inventive script code").

As per **claim 9**, Eichstadt teaches a system for executing a component, comprising:

a client including a client memory and a client processor, a client run time engine configured to reside in the client memory, wherein the client run time engine comprises a plurality of client predefined structures (see page 1, [0010] and page 3, [0023]); and

a server including a server memory and a server processor, a server run time engine configured to reside in the server memory (see page 1, [0010] and page 3, [0023]), wherein the server and the client have same functional capability with respect to the client run time engine and the server run time engine (see page 3, [0023]: “A computer may be a computer of any style”), and wherein the client run time engine sends a request for a component to the server (see page 1, [0010]: “requested web-page… the server component of the software incorporates (either directly or by reference) script code into the requested web-page”), wherein the component corresponds to a script on the server, and wherein the server run time engine transmits parameter information associated with the requested component of the script to the client (see page 1, [0010]: “the server component of the software incorporates (either directly or by reference) script code into the requested web-page” and page 6, [0042]: “The script code 400 may provide a toolbar 420, 420’ that may contain…”), and wherein the client run time engine links the parameter information received from the server with a corresponding client predefined structure of the plurality of client predefined structures to create an executable parameter specific predefined structure (see page 1, [0009]: “inserts the script code (or a reference or pointer to the script code), and transmits...”), and wherein the predefined structure having an intended functionality corresponding to the intended functionality of the requested component (see page 1, [0010]: "That script code comprises the client component of the software and will add functionality to the web-page”; and page 4, [0030]: “the initialization script originally provided with the web-page is executed, followed by the execution of the inventive script code”).

As per **claim 17**, Eichstadt teaches an application for executing a component when a user accesses a component on a system, the application comprising:

a first run time engine comprising an execution engine comprising a plurality of predefined structures and a linker, a predefined structure of the plurality of predefined structures having an intended functionality of a component type of a plurality of component types, wherein the component has the intended functionality of the component types, wherein the component corresponds to a script on a server, and wherein, when the user accesses the component (see page 1, [0010] and page 2, [0012]):

(a) the linker instructs a client processor to link parameter information associated with the component to a corresponding predefined structure to create and executable parameter specific predefined structure (see page 1, [0009]: “inserts the script code (or a reference or pointer to the script code), and transmits...”; page 1, [0010]: “the server component of the software incorporates (either directly or by reference) script code into the requested web-page” and page 6, [0042]: “The script code 400 may provide a toolbar 420, 420’ that may contain…”), the parameter information associated with the component being transmitted from the server to a client and stored in a client processor readable memory (see page 1, [0008]: "transmits the modified web-page including the inserted script code to the one or more users who requested the web-page"; and [0010]: "the script code is not permanently stored on the client computer, but loaded into RAM") (see page 6, [0042]: “The script code 400 may provide a toolbar 420, 420’ that may

contain…"), wherein the server and the client have the same functional capability (see page 3, [0023]: "A computer may be a computer of any style"); and

(b) the execution engine instructs a client processor to execute the executable parameter specific predefined structure to execute the component (see page 4, [0030]: "the initialization script originally provided with the web-page is executed, followed by the execution of the inventive script code");

wherein the first run time engine is stored in a media and the first run time engine is transferred to the client processor readable memory of a system including the client processor readable memory and the client processor when the media is used with the system (see page 1, [0008]: "transmits the modified web-page including the inserted script code to the one or more users who requested the web-page"; and [0010]: "the script code is not permanently stored on the client computer, but loaded into RAM").

DEPENDENT:

As per **claim 3**, which depends on claim 1, Eichstadt teaches further comprising searching for the requested component in the script at the server in response to the request for the component from the client (see page 1, [0010]).

As per **claim 4**, which depends on claim 1, Eichstadt further teaches wherein the linking step further comprises locating identifiers within the parameter information and inserting script data corresponding to the identifiers into the predefined structure (see page 1, [0009] and page 2, [0013]).

As per **claim 5**, which depends on claim 1, Eichstadt teaches further comprising determining an access level of a user of the client, wherein the transmitting step further comprises transmitting the parameter information based on the access level of the user (see page 3, [0028]).

As per **claim 6**, which depends on claim 1, Eichstadt teaches further comprising storing the predefined structure at the client and storing a copy of the predefined structure at the server so that there is a client predefined structure, and a server predefined structure (see page 1, [0008] & [0009]).

As per **claim 7**, which depends on claim 1, Eichstadt teaches further comprising automatically deleting the parameter specific predefined structure after the user has exited the component (see pages 1-2, [0010]).

As per **claim 8,** which depends on claim 1, Eichstadt teaches further comprising establishing a connection in response to the request for the component from the client (see page 3, [0025]), and the server creating a session identification number for the connection so that the client and the server can follow a connectionless protocol (inherency).

As per **claim 12**, which depends on claim 9, Eichstadt further teaches wherein the client run time engine comprises a client parser and a client execution engine, wherein the client execution engine comprises a client linker and the plurality of client predefined structures, wherein the client parser configured to instruct the client processor to search for identifiers within the parameter information transmitted by the server, wherein the client linker configured to instruct the client processor to link the

parameter information to the client predefined structure to create the executable parameter specific predefined structure (see page 4, [0031]-[0032]).

As per **claim 13**, which depends on claim 12, Eichstadt teaches wherein the server run time engine comprises a server parser and a server execution engine, the server execution engine comprises a server linker and a plurality of server predefined structure, a server predefined structure having an intended functionality corresponding to an intended functionality of a component type of a plurality of component types, wherein the component has the intended functionality of the component types, the server parser configured to instruct the server processor to search for the component in the script, the component being requested by the client, the server linker configured to instruct the server processor to link the parameter information to a corresponding server predefined structure to provide a server parameter specific predefined structure; and, a server transceiver being configured to transmit the parameter information associated with the component of the script (see page 1, [0009] and page 3, [0026]-[0030]).

As per **claim 14**, which depends on claim 9, Eichstadt further teaches wherein the client memory further comprises a client long term memory and a client short term memory, the client run time engine being stored in the client long term memory before the client sends the request for the component of the script, wherein the client processor is configured to transfer the client run time engine to the client short term memory when the client sends the request for the component of the script, to temporarily store the executable parameter specific predefined structure in the client short term memory, and to automatically delete the executable parameter specific

predefined structure from the client short term memory when the client exits the component (see pages 1-2, [0010] and page 3, [0023]).

As per **claim 15**, which depends on claim 9, Eichstadt further teaches wherein the parameter information transmitted by the server includes identifiers associated with component information and the predefined structure includes the corresponding identifiers (see page 5, [0037]).

As per **claim 16**, which depends on claim 9, Eichstadt further teaches wherein the server creates a unique session identification number for every connection established to uniquely identify each connection and recreate the session previously established thereby facilitating a connectionless protocol (inherency).

As per **claim 18**, which depends on claim 17, Eichstadt further teaches wherein the system comprises a server, the server comprising a server processor readable memory, a server transceiver, a server processor and a server run time engine, wherein the server run time engine is transferred to a server processor readable memory of the system and the server run time engine comprises a copy of the first run time engine, wherein the server run time engine comprises a server parser and a server execution engine, wherein a user at the client requests a component from the server prior to running the component and, when the user requests the component: (a) the server parser instructs the server processor to search for the component in the script, the script being stored in the server processor readable memory, and (b) the execution engine instructs the server processor to transmit the parameter information associated with the

component of the script to the client via the server transceiver (see page 3, [0026]-[0030]).

As per **claim 19**, which depends on claim 18, Eichstadt further teaches wherein the server execution engine further comprises a plurality of server predefined structures, a server predefined structure of the plurality of server predefined structures having the intended functionality of a component type of the plurality of component types, wherein the component requested by the user has the intended functionality of the component type (see page 3, [0026]-[0030]).

As per **claim 20**, which depends on claim 18, Eichstadt further teaches wherein, when the client requests the component (see page 3, [0025]), the server execution engine instructs the server processor to create a session number and to transmit the session number to the client (see page 3, [0028]).

As per **claim 21**, which depends on claim 17, Eichstadt further teaches wherein the execution engine instructs the client processor to store the executable parameter specific predefined structure in the client processor readable memory and instructs the processor to automatically delete the executable parameter specific predefined structure from the memory after the user exits the component (see pages 1-2, [0010]).

Response to Arguments

5. Applicant's arguments filed May 19, 2008 have been fully considered but they are not persuasive. Eichstadt clearly and explicitly teach all the limitations of the amended claims.

Conclusion

6. For the reasons above, claims 1, 3-9, and 12-21 have been rejected and remain pending.

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL Y. WON whose telephone number is (571)272-3993. The examiner can normally be reached on M-Th: 10AM-8PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael Won/

Primary Examiner

May 26, 2009